

Unit 1: Organization

Unit 1-8 Notes Histology

Histology – the study of _____

***Tissues are a collection of similar _____

Four main types of tissue:

1. Epithelial Tissue
2. Connective Tissue
3. Muscle Tissue
4. Nervous Tissue

Epithelial Tissue – (_____) this type of tissue lines or covers all free body surfaces.

Examples of free body surfaces:

Functions:

1. Protection:

2. Absorption:

3. Filtration:

4. Secretion:

***Note: Epithelial tissue has no blood supply of their own. It relies on diffusion for food and oxygen.

Types of Epithelial Tissue:

1. Simple (_____)

a. Simple Squamous

Function:

Locations:

b. Simple Cuboidal

Function:

Locations:

c. Simple Columnar

Function:

Locations:

d. Pseudostratified Columnar

Function:

Locations:

2. Stratified (_____)

a. Stratified Squamous

Function:

Locations:

b. Others but rare and we won't talk about

3. Transitional (_____)

Function:

Locations:

Types of Connective Tissue:

1. Bone

Function:

Locations:

2. Cartilage

Function:

Locations:

3. Dense Connective Tissue

Function:

Locations:

4. Loose Connective Tissue

Function:

Locations:

5. Adipose Tissue

Function:

Locations:

6. Reticular Connective Tissue

7. Blood:

Function:

Locations:

Muscle Tissues:

1. Skeletal Muscle

Function:

Locations:

2. Cardiac Muscle

Function:

Locations:

3. Smooth Muscle

Function:

Locations:

Nervous Tissues:

Function:

Locations: